

Application No.: 09/869,650

Docket No.: 20459-00346-US

AMENDMENTS TO THE CLAIMS

1. (Presently Amended) Process for [releasing gas in] the preparation of gas-actuated car safety devices comprising providing a pyrotechnical material comprising guanidine dinitramide and guanyl urea dinitramide as a gas-releasing composition in the car safety devices.

2. (Previously Presented) Process according to Claim 1, wherein the guanyl urea dinitramide is present in an amount to adjust the rate of burn of the gas-releasing composition.

3. (Withdrawn) Process according to Claim 1 for recovering the said chemicals, guanidine dinitramide and guanyl urea dinitramide, wherein this is done by low-temperature crystallization from water at various temperatures.

4. (Previously Presented) Pyrotechnical gas-generating composition comprising guanidine dinitramide and guanyl urea dinitramide.

5. (Previously Presented) Pyrotechnical gas-generating composition according to Claim 4, wherein the guanidine dinitramide is present as the primary component, and the rate of burning of the gas-generating composition is regulated by the presence of a suitable amount of guanyl urea dinitramide.

6. (Previously Presented) Pyrotechnical gas-generating composition according to Claim 4, wherein the guanidine dinitramide comprises greater than 50% by weight of the gas-generating composition.

7. (Previously Presented) Pyrotechnical gas-generating composition according to Claim 4, wherein the gas-generating composition is in the form of pressed tablets containing a binder, the binder does not exceed 10 wt-%.

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8. (Withdrawn) Process according to Claim 2 for recovering the said chemicals, guanidine dinitramide and guanyl urea dinitramide, wherein this is done by low-temperature crystallization from water at various temperatures.

9.-10 (Canceled)

11. (Previously Presented) Pyrotechnical gas-generating composition according to Claim 5, wherein the guanidine dinitramide comprises greater than 50% by weight of the gas-generating composition.

12.-13 (Canceled)

14. (Previously Presented) The process according to claim 1, wherein the gas-releasing substance is in tablet form.

15. (Previously Presented) The process according to claim 1, further comprising recovering the gas-releasing composition from the car safety device, and recrystallizing the gas-releasing composition.

16. (Previously Presented) The process according to claim 1, wherein the guanidine dinitramide comprises 20% to 80% by weight of the gas-releasing composition, not including binder.

17. (Previously Presented) The process according to claim 1, wherein the guanidine dinitramide comprises 40% to 80% by weight of the gas-releasing composition, not including binder.

18. (Previously Presented) The process according to claim 1, wherein the guanidine dinitramide comprises 40% to 60% by weight of the gas-releasing composition, not including binder.

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19. (Previously Presented) The process according to claim 4, wherein the guanidine dinitramide comprises 20% to 80% by weight of the gas-releasing composition, not including binder.

20. (Previously Presented) The process according to claim 4, wherein the guanidine dinitramide comprises 40% to 80% by weight of the gas-releasing composition, not including binder.

21. (Previously Presented) The process according to claim 4, wherein the guanidine dinitramide comprises 40% to 60% by weight of the gas-releasing composition, not including binder.
